

OHA - Drinking Water Services - Surface Water Quality Data Form
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems

County: Marion

Month/Year: **Aug-23**

System Name: OPRD Detroit Lake State Park ID#: 41 91059							WTP : TP -
Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the day ¹ [NTU]
1	Off	Off	Off	Off	Off	Off	OFF
2	Off	Off	0.11	0.11	0.10	Off	0.11
3	Off	Off	0.11	0.12	0.11	Off	0.12
4	Off	Off	0.12	0.12	0.11	Off	0.12
5	Off	Off	0.11	0.11	0.10	Off	0.11
6	Off	Off	Off	Off	Off	Off	OFF
7	Off	Off	Off	Off	Off	Off	OFF
8	Off	Off	0.11	0.10	0.11	Off	0.11
9	Off	Off	0.10	0.10	0.10	Off	0.10
10	Off	Off	0.10	0.11	0.11	Off	0.11
11	Off	Off	0.11	0.11	0.11	Off	0.11
12	Off	Off	0.12	0.12	0.11	Off	0.12
13	Off	Off	Off	Off	Off	Off	OFF
14	Off	Off	0.11	0.10	0.10	Off	0.11
15	Off	Off	0.11	0.12	0.11	Off	0.12
16	Off	Off	0.12	0.12	0.11	Off	0.12
17	Off	Off	Off	Off	Off	Off	OFF
18	Off	Off	0.11	0.10	0.10	Off	0.11
19	Off	Off	0.10	0.10	0.10	Off	0.10
20	Off	Off	Off	Off	Off	Off	OFF
21	Off	Off	Off	Off	Off	Off	OFF
22	Off	Off	0.09	0.09	0.09	Off	0.09
23	Off	Off	0.08	0.09	0.09	Off	0.09
24	Off	Off	0.09	0.10	0.10	Off	0.10
25	Off	Off	0.10	0.10	0.10	Off	0.10
26	Off	Off	0.11	0.11	0.10	Off	0.11
27	Off	Off	Off	Off	Off	Off	OFF
28	Off	Off	Off	Off	Off	Off	OFF
29	Off	Off	0.10	0.11	0.11	Off	0.11
30	Off	Off	0.11	0.12	0.11	Off	0.12
31	Off	Off	0.11	0.11	0.10	Off	0.11

Slow Sand/Membrane/DE Filtration/Unfiltered		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? ²	Yes	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes	Yes	Yes

Notes: Tracer Study done with new storage tank in place. CT changed to 143 minutes.

Dan Faulkner	
SIGNATURE:	DATE: 9/5/2023
PHONE #: (503) 854-3406	CERT #: T-6666

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. ² Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :

System Name: OPRD Detroit Lake State Park ID#: 41 91059 Month/Year: Aug-23

Disinfection *Giardia* Log Inactiv: 1.0

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ³ [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT formula	CT Met? ³ Yes / No	Peak Hourly Demand Flow [GPM]
1	1	143	143.0	16.0	7.80	34.3	YES	60
2	0.9	143	128.7	17.0	7.90	32.9	YES	60
3	1.1	143	157.3	17.0	7.90	33.7	YES	60
4	1.1	143	157.3	17.0	7.80	32.4	YES	60
5	1.1	143	157.3	16.0	7.70	33.4	YES	60
6	1	143	143.0	16.0	7.70	33.0	YES	60
7	1	143	143.0	16.0	7.70	33.0	YES	60
8	0.9	143	128.7	16.0	7.80	33.9	YES	60
9	0.9	143	128.7	16.0	7.80	33.9	YES	60
10	1	143	143.0	16.0	7.90	35.6	YES	60
11	0.9	143	128.7	16.0	7.90	35.2	YES	60
12	0.9	143	128.7	17.0	7.90	32.9	YES	60
13	0.9	143	128.7	17.0	7.80	31.7	YES	60
14	0.8	143	114.4	17.0	7.70	30.2	YES	60
15	1	143	143.0	17.0	7.80	32.1	YES	60
16	0.8	143	114.4	17.0	7.80	31.3	YES	60
17	0.9	143	128.7	18.0	7.90	30.8	YES	60
18	0.8	143	114.4	18.0	7.90	30.4	YES	60
19	1	143	143.0	18.0	7.80	30.0	YES	60
20	0.9	143	128.7	18.0	7.80	29.7	YES	60
21	0.8	143	114.4	18.0	7.90	30.4	YES	60
22	0.7	143	100.1	17.0	7.80	31.0	YES	60
23	0.8	143	114.4	17.0	7.90	32.5	YES	60
24	0.9	143	128.7	17.0	7.80	31.7	YES	60
25	0.9	143	128.7	17.0	7.80	31.7	YES	60
26	1	143	143.0	17.0	7.80	32.1	YES	60
27	1	143	143.0	17.0	7.90	33.3	YES	60
28	0.9	143	128.7	16.0	7.90	35.2	YES	60
29	0.8	143	114.4	16.0	7.9	34.8	YES	60
30	0.8	143	114.4	16.0	7.9	34.8	YES	60
31	0.8	143	114.4	16.0	7.8	33.5	YES	60

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised November 2022

Return by 10th of following month by email, fax, or mail to:
dwp.dmce@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350